




UNITED STATES ENVIRONMENTAL PROTECTION AGENCY- Region III  
OFFICE OF ANALYTICAL SERVICES AND QUALITY ASSURANCE  
Environmental Sciences Center  
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Fort Meade, Maryland 20755-5350

**DATE:** March 2, 2012

**SUBJECT:** Dimock Internal Verification Review on Dissolved Gases Final Report (SDG: 12034C)

**FROM:** Cynthia Caporale, Chief   
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**TO:** Kelley Chase, OSC  
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An internal verification review was completed on the Region IX report for Dimock Residential Groundwater Site titled *Analytical Testing Results – Project R33911 SDG: 12034C* (2/13/2012). This internal verification review evaluates the field quality control samples to assess any impacts to sample results. No changes to the final results are recommended based on this review.

This assessment was based on the highest field blank value. The actual associated blank (equipment, trip or field blank) for any particular sample was not evaluated since specific field notes were not provided for this review. The results presented in the report *Analytical Testing Results – Project R33911 SDG: 12034C* are associated with the analysis of dissolved gases (methane, ethane, and ethane) and total purgeable and extractable hydrocarbons. Laboratory did identify methane in the method blank (0.7 ug/L) and qualified the sample results accordingly, when appropriate. Field quality control samples for SDG: 12034C included two field blanks and three trip blanks. Methane result for TB16 is 6.2 ug/L. All sample results were significantly higher than the amounts detected in the field blanks (>5x and >10x). Changes to the final report and the electronic deliverable are not required.

If you should have any questions please call me at 410-305-2732.